ABSTRACT

Disclosed is a system and method for correcting the separation of synchronized video signals resulting from transmission over wires of different lengths. Preferably, circuitry is used to inject a signal pulse along the red, green, and blue video signal transmission lines through a selectable delay circuit to a skew compensation circuit located at a user workstation. The skew compensation circuit sums the amplitudes of the received signal pulses and compares the result to a reference amplitude. This is repeated for each possible delay combination of the selectable delay circuits. The skew compensation circuit then determines the delay combination which produces a summed amplitude most closely matching the reference amplitude. This delay combination is implemented in the selectable delay circuits and normal video transmission is allowed to resume such that the red, green, and blue components of the video signal arrive at the video monitor at approximately the same time.